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(54) ELECTRO LUMINESCENT ELEMENT

(57)Abstract:

PURPOSE: To generate light of high luminance for a long period even at a low driving voltage, and to present various color tones by preparing at least one layer of the organic compound layers composing an electro luminescent element by an organic compound represented by a specific formula.

CONSTITUTION: In an electric field light emitting element comprising a cathode, and an anode, and one or a plurality of organic compound layers held between the cathode and the anode, at least one layer of the compound layers is composed of a compound represented by general formula. Where, in the formula, A1 and A2 are a substituted or non-substituted alkyl group, or substituted or non-substituted aryl group. Each may be the same or different. As the alkyl group, a C1-C12 chain or branch chain alkyl group is used. In addition, it may contain a hydroxyl group-, cyano group-, C1-C12 alkoxy group-substituted phenyl group. As the aryl group, there is used a pentarenyl group having a carbon number of 18 or less for forming a ring, an indenyl group, a naphthyl group, etc.

